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PTO/SB/01 (08-03)  
Approved for use through 07/31/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63)	Attorney Docket Number	45026.00128.UTL1
	First Named Inventor	Lin Zhi
	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/684,229
	Filing Date	10/10/2003
<input type="checkbox"/> Declaration Submitted with Initial Filing	Art Unit	1614
	Examiner Name	To be assigned
<input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge 37 CFR 1.16 (e)) required		

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**5-CYCLOALKENYL 5H-CHROMENO[3,4-f]QUINOLINE DERIVATIVES AS SELECTIVE PROGESTERONE RECEPTOR MODULATOR COMPOUNDS**

(Title of the Invention)

the specification of which

☐ is attached hereto

or

☒ was filed on (MM/DD/YYYY) **10/10/2003** as United States Application Number or PCT International

Application Number **10/684,229** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached	
				YES	NO
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

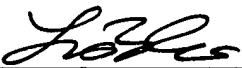

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

(Page 1 of 4)

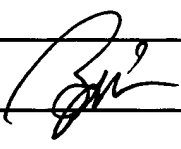
This collection of information is required by 37 CFR 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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# DECLARATION – Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number <b>36183</b> <i>OR</i> <input type="checkbox"/> Correspondence address below			
Name 36138			
Address			
City		State	Zip
Country	Telephone	Fax	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) LIN		Family Name or Surname ZHI	
Inventor's Signature 		Date 3/29/04	
Residence: City SAN DIEGO	State CA	Country US	Citizenship US
Mailing Address 3988 VIA CANGREJO			
City SAN DIEGO	State CA	ZIP 92140	Country US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) CORNELIS ARJAN		Family Name or Surname VAN OEVEREN	
Inventor's Signature 		Date March 25, 2004	
Residence: City CARLSBAD	State CA	Country CA	Citizenship THE NETHERLANDS
Mailing Address 3635 PROMONTORY PLACE			
City CARLSBAD	State CA	ZIP 92008	Country US
<input checked="" type="checkbox"/> Additional inventors are being named on the one supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental SheetPage 3 of 4

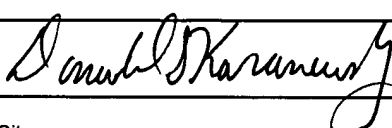
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
BIJAN		PEDRAM	
Inventor's Signature 		Date <u>3/25/04</u>	
SAN DIEGO Residence: City	CA State	US Country	CANADA Citizenship
7665 PALMILLA DRIVE, APT. <del>5103</del> <u>5113</u> <u>137</u> Mailing Address			
Mailing Address			
SAN DIEGO City	CA State	92122 Zip	US Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
DONALD S.		KARANEWSKY	
Inventor's Signature		Date	
ESCONDIDO Residence: City	CA State	US Country	US Citizenship
1797 CONTINENTAL LANE Mailing Address			
Mailing Address			
ESCONDIDO City	CA State	92029 Zip	US Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

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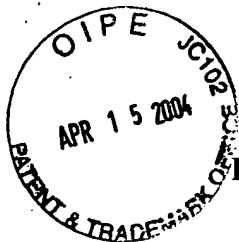
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**DECLARATION****ADDITIONAL INVENTOR(S)  
Supplemental Sheet**Page 4 of 4

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
BIJAN		PEDRAM	
Inventor's Signature		Date	
SAN DIEGO Residence: City	CA State	US Country	CANADA Citizenship
7665 PALMILLA DRIVE, APT. 5103 Mailing Address			
Mailing Address			
SAN DIEGO City	CA State	92122 Zip	US Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
DONALD S.		KARANEWSKY	
Inventor's Signature 		Date <u>09 April 2004</u>	
ESCONDIDO Residence: City	CA State	US Country	US Citizenship
1797 CONTINENTAL LANE Mailing Address			
Mailing Address			
ESCONDIDO City	CA State	92029 Zip	US Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Inventor's Signature		Date	
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Patent  
45026.00128.UTL1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

LIN ZHI, et al.

Serial No.: 10/684,229

Filed: 10/10/2003

For: 5-CYCLOALKENYL 5H-  
CHROMENO[3,4-f]QUINOLINE  
DERIVATIVES AS SELECTIVE  
PROGESTERONE RECEPTOR  
MODULATOR COMPOUNDS

)  
) **Group Art Unit:** 1614

)  
) **Examiner:** To be assigned

)  
) **Customer No.:** 36183

**GRANT OF POWER OF ATTORNEY**

Commissioner for Patents  
Box 1450  
Alexandria, VA 22313-1450

Sir:

As representative of the assignee of an entire interest in the above-identified application, the undersigned hereby appoints as attorney for the assignee herein, to prosecute this application and to

CERTIFICATE OF MAILING  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Date of Deposit

Janice Crisp  
Name of Person Mailing Paper

Janice Crisp  
Signature of Person Mailing Paper

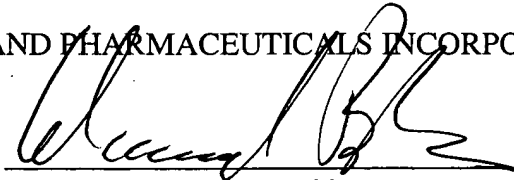
transact all business in the Patent and Trademark Office connected therewith, Jane K. Babin, Reg. No. 47,224; John M. Benassi, Reg. No. 27,483; Bradley D. Blanche, Reg. No. 38,387; Diana L. Bush, Reg. No. 51,109; James P. Conley, Reg. No. 52,459; Manuel F. de la Cerra, Reg. No. 45,776; Diane L. Garder, Reg. No. 36,518; Noel C. Gillespie, Reg. No. 47,596; Kurt M. Kjelland, Reg. No. 41,901; David Koo, Reg. No. 46,839; Stephen S. Korniczky, Reg. No. 34,853; Julia A. Miller, Reg. No. 48,086; Peter R. Munson, Reg. No. 43,821; Douglas E. Olson, Reg. No. 22,798; Richard H. Pagliery, Reg. No. 44,276; John E. Peterson, Reg. No. 45,894; Bryan D. Richardson; Christopher S. Serra, Reg. No. 45,088; Franklin D. Ubell, Reg. No. 27,009; Joseph M. Warren, Reg. No. 48,273; Howard N. Wisnia, Reg. No. 37,502, and Jessica R. Wolff, Reg. No. 37,261 of Paul, Hastings, Janofsky & Walker LLP, P.O. Box 919092, San Diego, California 92191-9092; telephone (858) 720-2500.

Respectfully submitted,

LIGAND PHARMACEUTICALS INCORPORATED

Dated: 3/29/04

By:



Warner R. Broaddus

Title: General Counsel, Vice President & Secretary

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